

Low Impedance Semi-Rigid Cable	.034CU-C-P-17		
DIMENSIONS			
Center Conductor Diameter			
(inch)	0.0159±0.0005		
(mm)	0.4± 0.0127		
Dielectric Diameter			
(inch)	0.025 ±0.001		
(mm)	0.64 ±0.0254		
Outer Conductor Diameter			
(inch)	0.034±0.001		
(mm)	0.86 ±0.0254		
MATERIAL SPECIFICATIONS			
Outer Conductor	Bare Copper		
Dielectric	PTFE		
Center Conductor	SPC		
ELECTRICAL CHARACTERISTICS			
Impedance	17±1		
Capacitance (Nominal)			
(pF/ft)	85.4		
(pF/m)	280.0		
Corona Extinction Voltage			
(VRMS 60Hz)	200		
Voltage Withstanding			
(VRMS 60Hz)	500		
Cut off Frequency (GHz)	128		
Typical Attenuation	Attenuation		Power
Average Power (Watts CW) at 20°C and Sea Level	dB/ 100Ft	dB/ 100M	
0.5GHz	61.9	203	27
1GHz	87.8	288	19
5GHz	198.7	651.7	8.4
10GHz	283.4	929.6	5.9
20GHz	405.7	1330.7	4.1
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	100		
Min. Inside Bend Radius			
(inch)	0.125		
(mm)	3.18		
Weight			
(g/Ft)	1.37		
(g/M)	4.5		

This part number complies with RoHS.

Notice: JYEBAO reserves the right to make modifications deemed appropriate.